

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/445,517
Source: IFW16
Date Processed by STIC: 4/27/05

ENTERED



IEW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/445,517

DATE: 04/27/2005
TIME: 12:54:22

Input Set : A:\18528230 seq.txt
Output Set: N:\CRF4\04272005\I445517.raw

3 <110> APPLICANT: DUFT, BRADFORD J.
4 KOLTERMAN, ORVILLE G.
6 <120> TITLE OF INVENTION: METHODS FOR TREATING OBESITY
8 <130> FILE REFERENCE: 18528.230
10 <140> CURRENT APPLICATION NUMBER: 09/445,517
11 <141> CURRENT FILING DATE: 1999-12-06
13 <150> PRIOR APPLICATION NUMBER: 08/870,762
14 <151> PRIOR FILING DATE: 1997-06-06
16 <160> NUMBER OF SEQ ID NOS: 20
18 <170> SOFTWARE: PatentIn Ver. 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 37
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
27 peptide construct
29 <400> SEQUENCE: 1
30 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
31 1 5 10 15
33 Val His Ser Ser Asn Asn Phe Gly Pro Val Leu Pro Pro Thr Asn Val
34 20 25 30
36 Gly Ser Asn Thr Tyr
37 35
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 37
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
47 peptide construct
49 <220> FEATURE:
50 <223> OTHER INFORMATION: 2,7-Cyclo bridge
52 <400> SEQUENCE: 2
53 Lys Asp Asn Thr Ala Thr Lys Ala Thr Gln Arg Leu Ala Asn Phe Leu
54 1 5 10 15
56 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Pro Ser Thr Asn Val
57 20 25 30
59 Gly Ser Asn Thr Tyr
60 35
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 36
65 <212> TYPE: PRT

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66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
70 peptide construct
72 <400> SEQUENCE: 3
73 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
74 1 5 10 15
76 His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val Gly
77 20 25 30
79 Ser Asn Thr Tyr
80 35
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 37
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
90 peptide construct
92 <400> SEQUENCE: 4
93 Ala Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
94 1 5 10 15
96 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
97 20 25 30
99 Gly Ser Asn Thr Tyr
100 35
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 37
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110 peptide construct
112 <400> SEQUENCE: 5
113 Ser Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
114 1 5 10 15
116 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
117 20 25 30
119 Gly Ser Asn Thr Tyr
120 35
123 <210> SEQ ID NO: 6
124 <211> LENGTH: 37
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
130 peptide construct
132 <400> SEQUENCE: 6
133 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
134 1 5 10 15

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136 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val
137 20 25 30
139 Gly Ser Asn Thr Tyr
140 35
143 <210> SEQ ID NO: 7
144 <211> LENGTH: 36
145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
150 peptide construct
152 <400> SEQUENCE: 7
153 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
154 1 5 10 15
156 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
157 20 25 30
159 Ser Asn Thr Tyr
160 35
163 <210> SEQ ID NO: 8
164 <211> LENGTH: 37
165 <212> TYPE: PRT
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
170 peptide construct
172 <400> SEQUENCE: 8
173 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
174 1 5 10 15
176 Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val
177 20 25 30
179 Gly Ser Asn Thr Tyr
180 35
183 <210> SEQ ID NO: 9
184 <211> LENGTH: 36
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
190 peptide construct
192 <400> SEQUENCE: 9
193 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
194 1 5 10 15
196 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
197 20 25 30
199 Ser Asn Thr Tyr
200 35
203 <210> SEQ ID NO: 10
204 <211> LENGTH: 37
205 <212> TYPE: PRT

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Input Set : A:\18528230 seq.txt
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206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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213 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
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216 Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
217 20 25 30
219 Gly Ser Asn Thr Tyr
220 35
223 <210> SEQ ID NO: 11
224 <211> LENGTH: 36
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
230 peptide construct
232 <400> SEQUENCE: 11
233 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
234 1 5 10 15
236 Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly
237 20 25 30
239 Ser Asn Thr Tyr
240 35
243 <210> SEQ ID NO: 12
244 <211> LENGTH: 37
245 <212> TYPE: PRT
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250 peptide construct
252 <400> SEQUENCE: 12
253 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
254 1 5 10 15
256 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
257 20 25 30
259 Gly Ser Asn Thr Tyr
260 35
263 <210> SEQ ID NO: 13
264 <211> LENGTH: 36
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
270 peptide construct
272 <400> SEQUENCE: 13
273 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
274 1 5 10 15

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Input Set : A:\18528230 seq.txt
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276 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly
277 20 25 30
279 Ser Asn Thr Tyr
280 35
283 <210> SEQ ID NO: 14
284 <211> LENGTH: 37
285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
290 peptide construct
292 <220> FEATURE:
293 <221> NAME/KEY: MOD_RES
294 <222> LOCATION: (1) /
295 <223> OTHER INFORMATION: Lys, Ala, Ser, or not present
297 <220> FEATURE:
298 <221> NAME/KEY: MOD_RES /
299 <222> LOCATION: (2)
300 <223> OTHER INFORMATION: Variable amino acid
302 <220> FEATURE:
303 <221> NAME/KEY: MOD_RES
304 <222> LOCATION: (7) /
305 <223> OTHER INFORMATION: Variable amino acid
307 <220> FEATURE:
308 <221> NAME/KEY: MOD_RES
309 <222> LOCATION: (13) /
310 <223> OTHER INFORMATION: Ala, Ser, or Thr
312 <220> FEATURE:
313 <221> NAME/KEY: MOD_RES
314 <222> LOCATION: (17) /
315 <223> OTHER INFORMATION: Val, Leu, or Ile
317 <220> FEATURE:
318 <221> NAME/KEY: MOD_RES /
319 <222> LOCATION: (18)
320 <223> OTHER INFORMATION: His or Arg
322 <220> FEATURE:
323 <221> NAME/KEY: MOD_RES /
324 <222> LOCATION: (19)
325 <223> OTHER INFORMATION: Ser or Thr
327 <220> FEATURE:
328 <221> NAME/KEY: MOD_RES /
329 <222> LOCATION: (20)
330 <223> OTHER INFORMATION: Ser, Thr, Gln, or Asn
332 <220> FEATURE:
333 <221> NAME/KEY: MOD_RES /
334 <222> LOCATION: (21)
335 <223> OTHER INFORMATION: Asn, Gln, or His
337 <220> FEATURE:
338 <221> NAME/KEY: MOD_RES

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/27/2005
PATENT APPLICATION: US/09/445,517 TIME: 12:54:23

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:14; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,29,31
Seq#:15; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,28,31
Seq#:16; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,31
Seq#:17; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,26,31

VERIFICATION SUMMARY
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Input Set : A:\18528230 seq.txt
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L:367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
M:341 Repeated in SeqNo=14
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:341 Repeated in SeqNo=15
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
M:341 Repeated in SeqNo=17